



1645  
EPW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

4

Application Number

10/054,616

Filing Date

January 22, 2002

First Named Inventor

Larry S. BARAK

Art Unit

1645

Examiner Name

Unassigned

Attorney Docket Number

NRK.10022

### ENCLOSURES (Check all that apply)

☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☒

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐

Reply to Missing Parts/  
Incomplete Application

☐

Reply to Missing Parts  
under 37 CFR 1.52 or 1.53

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐

Petition to Convert to a

Provisional Application

☐

Power of Attorney, Revocation

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

☐

After Allowance Communication to TC

☐

Appeal Communication to Board  
of Appeals and Interferences

☐

Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

☐

Proprietary Information

☐

Status Letter

☐

Other Enclosure(s) (please identify  
below):

Remarks

The Director is hereby authorized to charge any appropriate fees that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-3218. This paper is submitted in duplicate.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Hutchison & Mason PLLC

Signature

*Joshua T. Elliott*

Printed name

Joshua T. Elliott

Date

March 2, 2005

Reg. No.

43,603

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

*Jennie R. Sneed*

Typed or printed name

Jennie R. Sneed

Date

3/02/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Patent  
Attorney Docket No. NRK.10022

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Larry S. BARAK et al.

Application No.: 10/054,616

Group Art Unit: 1645

Filing Date: January 22, 2002

Examiner: Unassigned

Title: Constitutively Desensitized G  
Protein-Coupled Receptors

Confirmation No.: 7096

**FOURTH INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. A copy of each of the documents cited and required by 37 C.F.R. § 1.98 is enclosed.

To assist the Examiner, the documents are listed on the attached form PTO/SB/08. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The listed documents were cited in a European Search Report in a corresponding European application. A copy of the Search Report is enclosed.

The cited documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

**The Director is hereby authorized to charge any appropriate fees that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-3218.**

Respectfully submitted,

HUTCHISON & MASON PLLC

Date: March 2, 2005

By: Joshua T. Elliott  
Joshua T. Elliott  
Registration No. 43,603

P.O. Box 31686  
Raleigh, NC 27612  
+1.919.829.9600

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/054,616
Filing Date	January 22, 2002
First Named Inventor	BARAK, Larry S.
Group Art Unit	1645
Examiner Name	Unknown

Sheet 1 of 1

Attorney Docket No: NRK.10022

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document
--------------------	---------------------	------------------	---

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Abstract, Translation, English Language Equivalent or Search Report
--------------------	---------------------	------------------	---	---

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Abstract, Translation, English Language Equivalent or Search Report
	BIRNBAUMER, MARIEL, et al., "Molecular Cloning of the Receptor for Human Antidiuretic Hormone", Nature, vol. 357, no. 6376, pp. 333-335 (1992).	
	ROSENTHAL, WALTER, et al., "Nephrogenic Diabetes Insipidus: A V2 Vasopressin Receptor Unable to Stimulate Adenylyl Cyclase", Journal of Biological Chemistry, vol. 268, no. 18, pp. 13030-13033 (1993).	
	SIEGL, PETER K. S., et al., "In Vivo Pharmacology of L-158,809, a New Highly Potent and Selective Nonpeptide Angiotensin II Receptor Antagonist", Journal of Pharmacology and Experimental Therapeutics, vol. 262, no. 1, pp. 139-144 (1 July 1992).	

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached